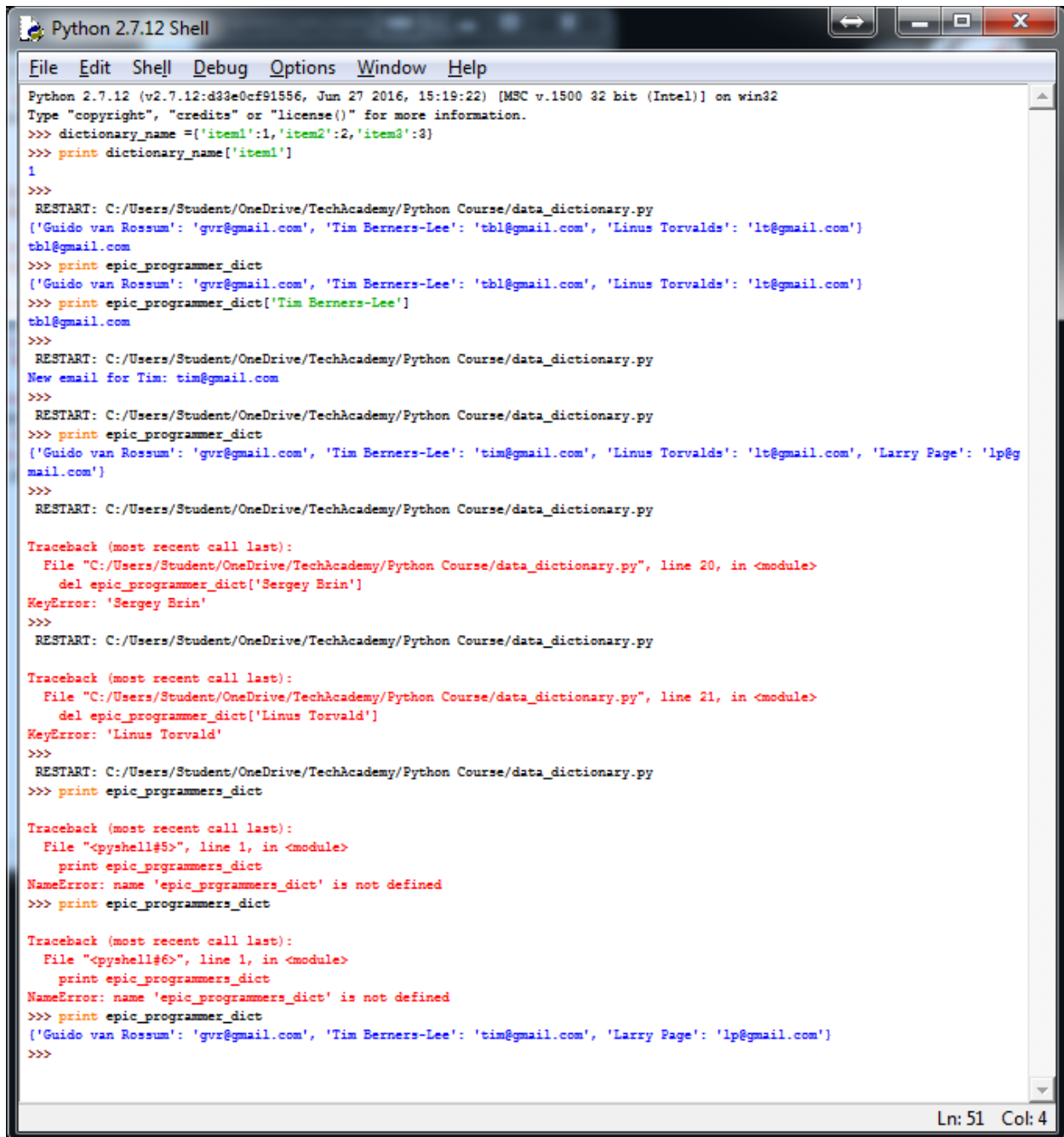


Step 28: Drill - Python In A Day chapter 9



```

Python 2.7.12 Shell
File Edit Shell Debug Options Window Help
Python 2.7.12 (v2.7.12:d33e0cf91556, Jun 27 2016, 15:19:22) [MSC v.1500 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>> dictionary_name = {'item1':1, 'item2':2, 'item3':3}
>>> print dictionary_name['item1']
1
>>>
RESTART: C:/Users/Student/OneDrive/TechAcademy/Python Course/data_dictionary.py
{'Guido van Rossum': 'gvr@gmail.com', 'Tim Berners-Lee': 'tbl@gmail.com', 'Linus Torvalds': 'lt@gmail.com'}
tbl@gmail.com
>>> print epic_programmer_dict
{'Guido van Rossum': 'gvr@gmail.com', 'Tim Berners-Lee': 'tbl@gmail.com', 'Linus Torvalds': 'lt@gmail.com'}
>>> print epic_programmer_dict['Tim Berners-Lee']
tbl@gmail.com
>>>
RESTART: C:/Users/Student/OneDrive/TechAcademy/Python Course/data_dictionary.py
New email for Tim: tim@gmail.com
>>>
RESTART: C:/Users/Student/OneDrive/TechAcademy/Python Course/data_dictionary.py
>>> print epic_programmer_dict
{'Guido van Rossum': 'gvr@gmail.com', 'Tim Berners-Lee': 'tim@gmail.com', 'Linus Torvalds': 'lt@gmail.com', 'Larry Page': 'lp@gmail.com'}
>>>
RESTART: C:/Users/Student/OneDrive/TechAcademy/Python Course/data_dictionary.py

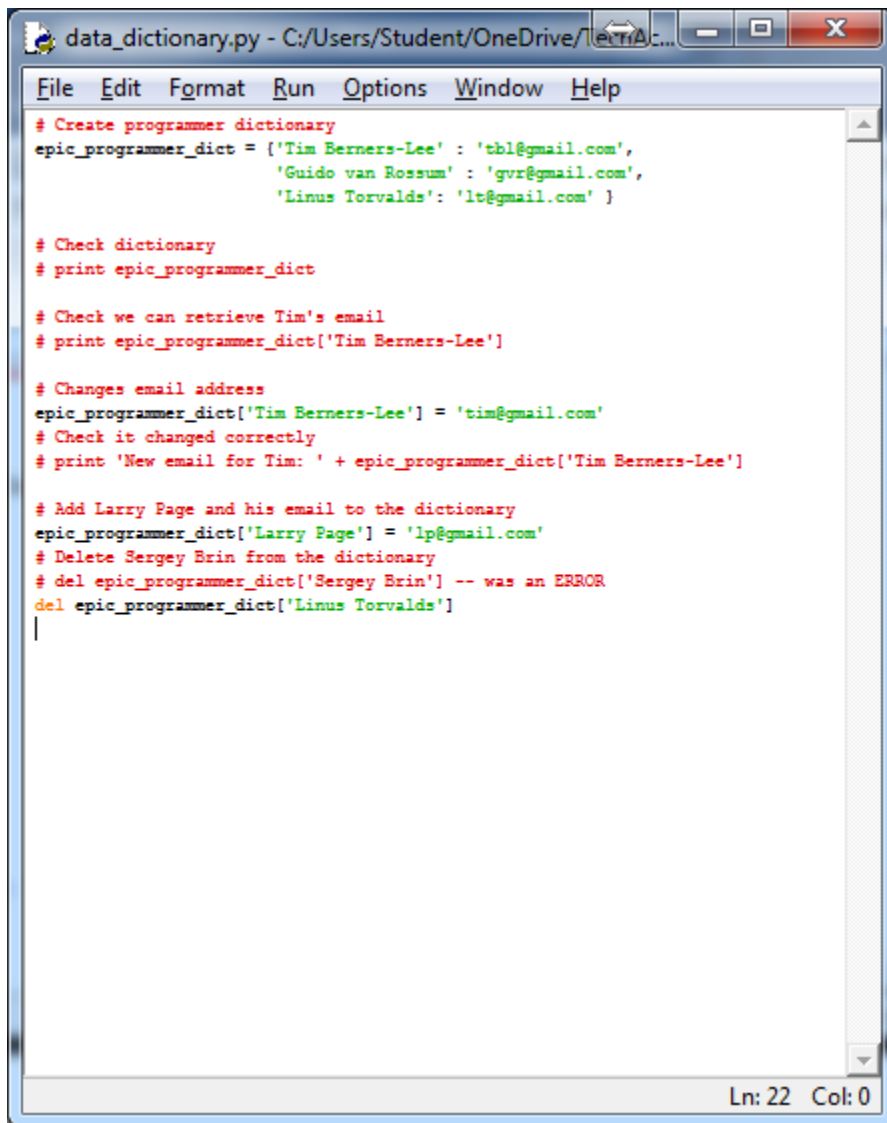
Traceback (most recent call last):
  File "C:/Users/Student/OneDrive/TechAcademy/Python Course/data_dictionary.py", line 20, in <module>
    del epic_programmer_dict['Sergey Brin']
KeyError: 'Sergey Brin'
>>>
RESTART: C:/Users/Student/OneDrive/TechAcademy/Python Course/data_dictionary.py

Traceback (most recent call last):
  File "C:/Users/Student/OneDrive/TechAcademy/Python Course/data_dictionary.py", line 21, in <module>
    del epic_programmer_dict['Linus Torvald']
KeyError: 'Linus Torvald'
>>>
RESTART: C:/Users/Student/OneDrive/TechAcademy/Python Course/data_dictionary.py
>>> print epic_programmers_dict

Traceback (most recent call last):
  File "<pyshell#5>", line 1, in <module>
    print epic_programmers_dict
NameError: name 'epic_programmers_dict' is not defined
>>> print epic_programmers_dict

Traceback (most recent call last):
  File "<pyshell#6>", line 1, in <module>
    print epic_programmers_dict
NameError: name 'epic_programmers_dict' is not defined
>>> print epic_programmer_dict
{'Guido van Rossum': 'gvr@gmail.com', 'Tim Berners-Lee': 'tim@gmail.com', 'Larry Page': 'lp@gmail.com'}
>>>
Ln: 51 Col: 4

```



```
# Create programmer dictionary
epic_programmer_dict = {'Tim Berners-Lee' : 'tbl@gmail.com',
                        'Guido van Rossum' : 'gvr@gmail.com',
                        'Linus Torvalds' : 'lt@gmail.com' }

# Check dictionary
# print epic_programmer_dict

# Check we can retrieve Tim's email
# print epic_programmer_dict['Tim Berners-Lee']

# Changes email address
epic_programmer_dict['Tim Berners-Lee'] = 'tim@gmail.com'
# Check it changed correctly
# print 'New email for Tim: ' + epic_programmer_dict['Tim Berners-Lee']

# Add Larry Page and his email to the dictionary
epic_programmer_dict['Larry Page'] = 'lp@gmail.com'
# Delete Sergey Brin from the dictionary
# del epic_programmer_dict['Sergey Brin'] -- was an ERROR
del epic_programmer_dict['Linus Torvalds']
|
```

Ln: 22 Col: 0



data_dictionary.py